

**SAIS-M16-5/9****Weidmüller Interface GmbH & Co. KG**

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Individual cable lengths are often required nowadays. In order to meet these demands, Weidmüller offers a wide range of plug-in connectors for custom assembly. Male plugs and female sockets for customisable assembly for M8, M12, M16 and 7/8" connections which are highly robust and ideally suited to machine engineering, for instance. The M16 round plug-in connectors can transmit large amounts of power and have set the standard in the market for many years. The solder connection provides high contact density on a small area. With this technology the stripped conductor is soldered to the contacts, producing good electrical conductivity.

**General ordering data**

Type	SAIS-M16-5/9
Order No.	<a href="#">1117990000</a>
Version	Plugs prefabricated to customer spec., M16, pin, straight
GTIN (EAN)	4032248898954
Qty.	1 pc(s).

Creation date May 1, 2020 8:53:19 PM CEST

Catalogue status 17.04.2020 / We reserve the right to make technical changes.

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## Technical data

## Dimensions and weights

Net weight 30 g

## Temperatures

Operating temperature, max. 85 °C Operating temperature, min. -40 °C

## Environmental Product Compliance

REACH SVHC Lead 7439-92-1

## Technical data customisable plug-in connectors

Cable diameter, max.	8 mm	Cable diameter, min.	6 mm
Cable glands	PG 9	Coding	none
Conductor cross-section, max.	0.75 mm <sup>2</sup>	Conductor cross-section, min.	0.14 mm <sup>2</sup>
Connection cross-section, max.	0.75 mm <sup>2</sup>	Connection cross-section, min.	0.14 mm <sup>2</sup>
Contact surface	Ag (silver)	Housing main material	PA
Insulation strength	10 <sup>8</sup> Ω	Number of poles	5
Plugging cycles	≥ 500	Pollution severity	3
Protection degree	IP40	Rated current	6 A
Rated voltage	250 V	Shield connection	No
Temperature range of housing	-40 ... +85 °C	Threaded ring material	Diecast zinc
Type of connection	Solder connection		

## Classifications

ETIM 6.0	EC002635	ETIM 7.0	EC002635
eClass 9.0	27-44-01-02	eClass 9.1	27-44-01-03
eClass 10.0	27-44-01-02		

## Approvals

Approvals



ROHS Conform

## Downloads

Brochure/Catalogue	<a href="#">CAT 8 SAI 15/16 EN</a> <a href="#">FL FIELDWIRING EN</a>
Engineering Data	<a href="#">STEP</a>
User Documentation	<a href="#">Manual</a>